

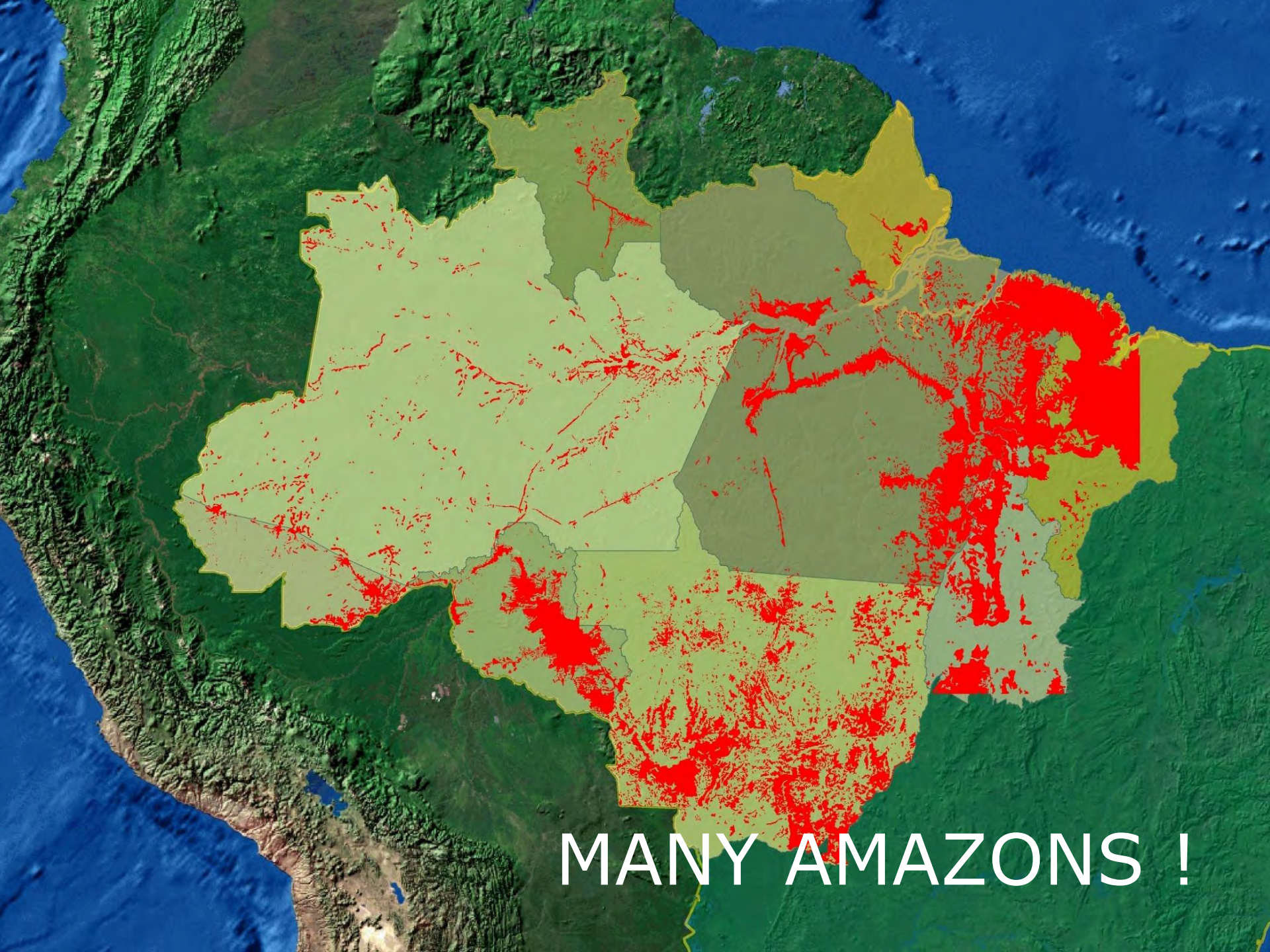
Luiz Villares
Director – Administration & Finance

www.fas-amazonas.org

Belém, June 19, 2009



Fundação
Amazonas
Sustentável



MANY AMAZONS !



STATE OF AMAZONAS

- 1.5 millions km²
- 3.5 million people
- 2nd largest reserve of tropical forests (1,4 millions km²)
 - 98% of forest cover
 - 66 indigenous groups
- 50% of Carbon stocks of Brazilian Amazon
- 16% freshwater reservoir



*Paradigm change in 2003 -
from: giving away chainsaws
to: "forests are worth more standing
than cut".*



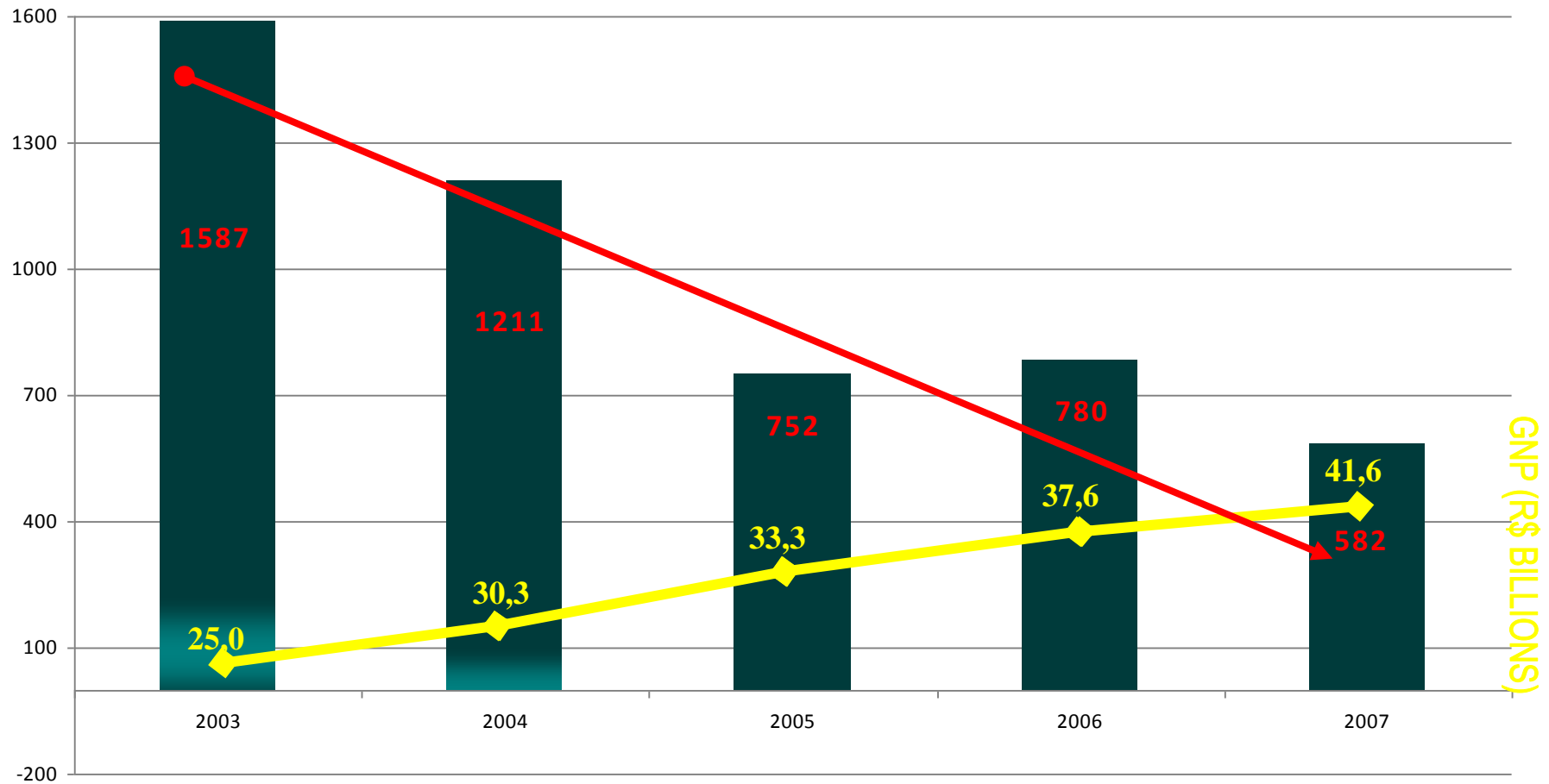
**Counter
deforestation
by increasing
the
value of
forest products
and services**



DEFORESTATION IN AMAZONAS (km²)

- 2002- 2003.....1582
- 2003- 2004.....1207
- 2004- 2005.....751
- 2004- 2005.....780
- 2006-2007.....582
- 2007-2008.....479
- Dif. 2002/2003 x 2007/2008....- 70%
- SOURCE : INPE/PRODES 2008

GNP AND DEFORESTATION RATES FOR THE STATE OF AMAZONAS



LEGEND:

■ AREA

◆ GNP

◆ DEFORESTATION RATES

DEFORESTATION RATES



STATE PROTECTED AREAS OF AMAZONAS STATE (million hectares)

- Protected areas up to 2002.....7,4 (12)
- New protected areas 9,1 (23)
- Total state protected areas ..16,5 (35)



Amazonas Sustainable Foundation - FAS

- Governance
 - Boards
 - Administration, Advising, Fiscal Comitee
- Strategy
 - Bain & Co
- Transparency and accountability
 - Deloitte – accounting, fiscal & payroll
 - PricewaterhouseCoopers – Auditing
 - FAS Fiscal Comitee
 - FAS Management Board
 - Public Attorney

FAS Partners

BAIN & COMPANY 

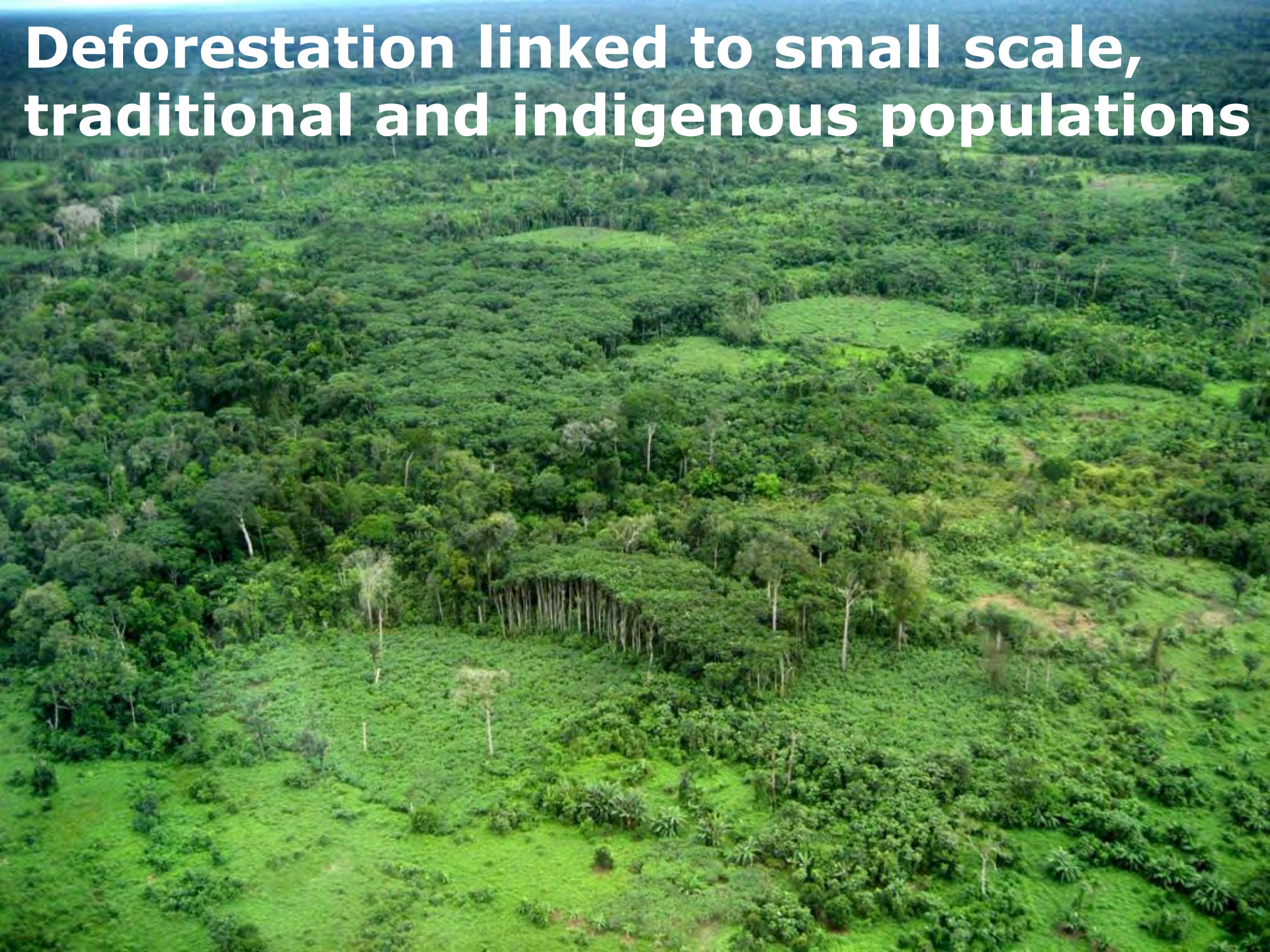
Deloitte.

PRICEWATERHOUSECOOPERS 

Deforestation linked to agribusiness



Deforestation linked to small scale, traditional and indigenous populations



LEGEND

DEFORESTATION

PRESERVED VEGETATION

HIDROGRAPHY

AMAZONAS LIMITS

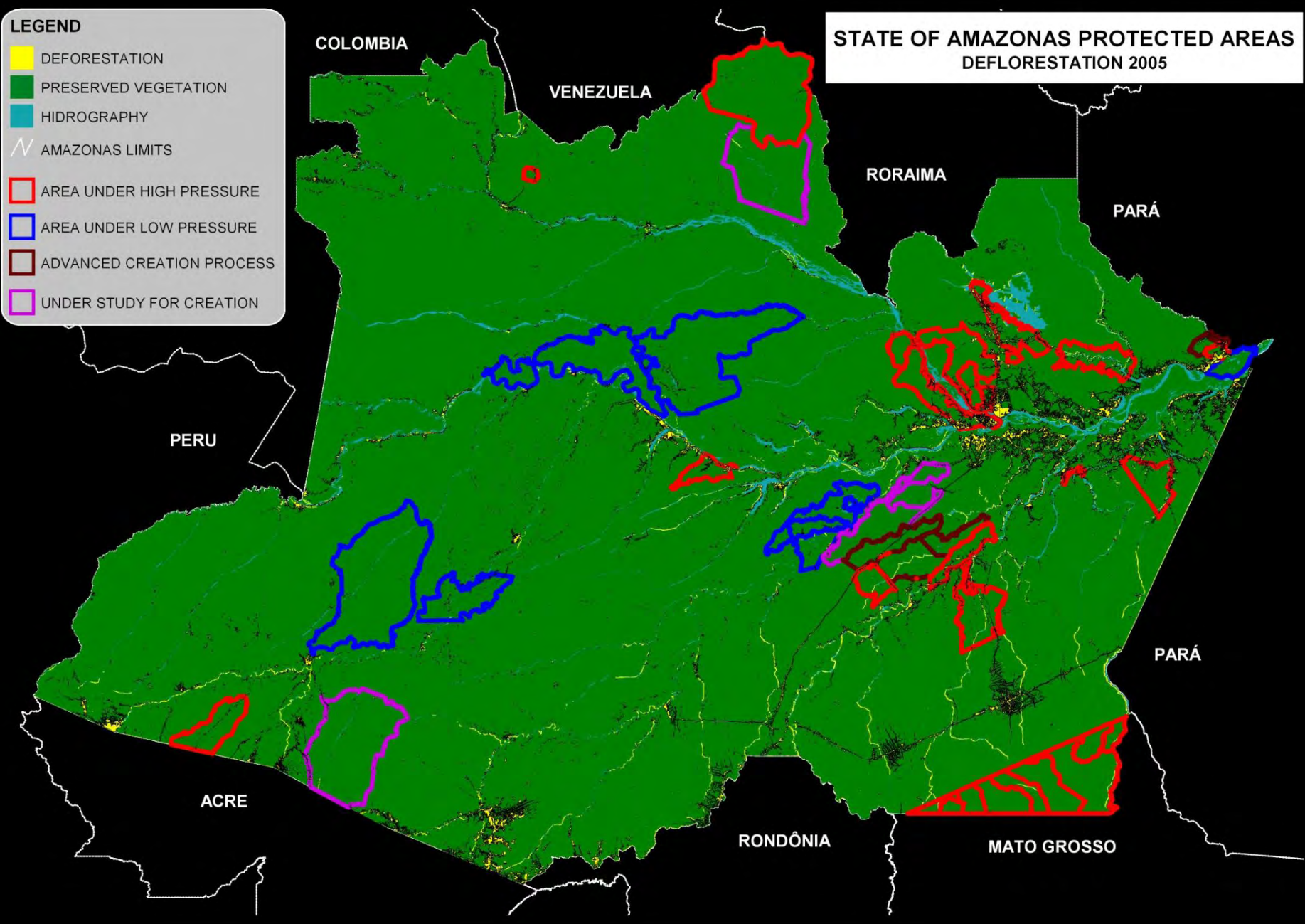
AREA UNDER HIGH PRESSURE

AREA UNDER LOW PRESSURE

ADVANCED CREATION PROCESS

UNDER STUDY FOR CREATION

STATE OF AMAZONAS PROTECTED AREAS DEFLORESTATION 2005

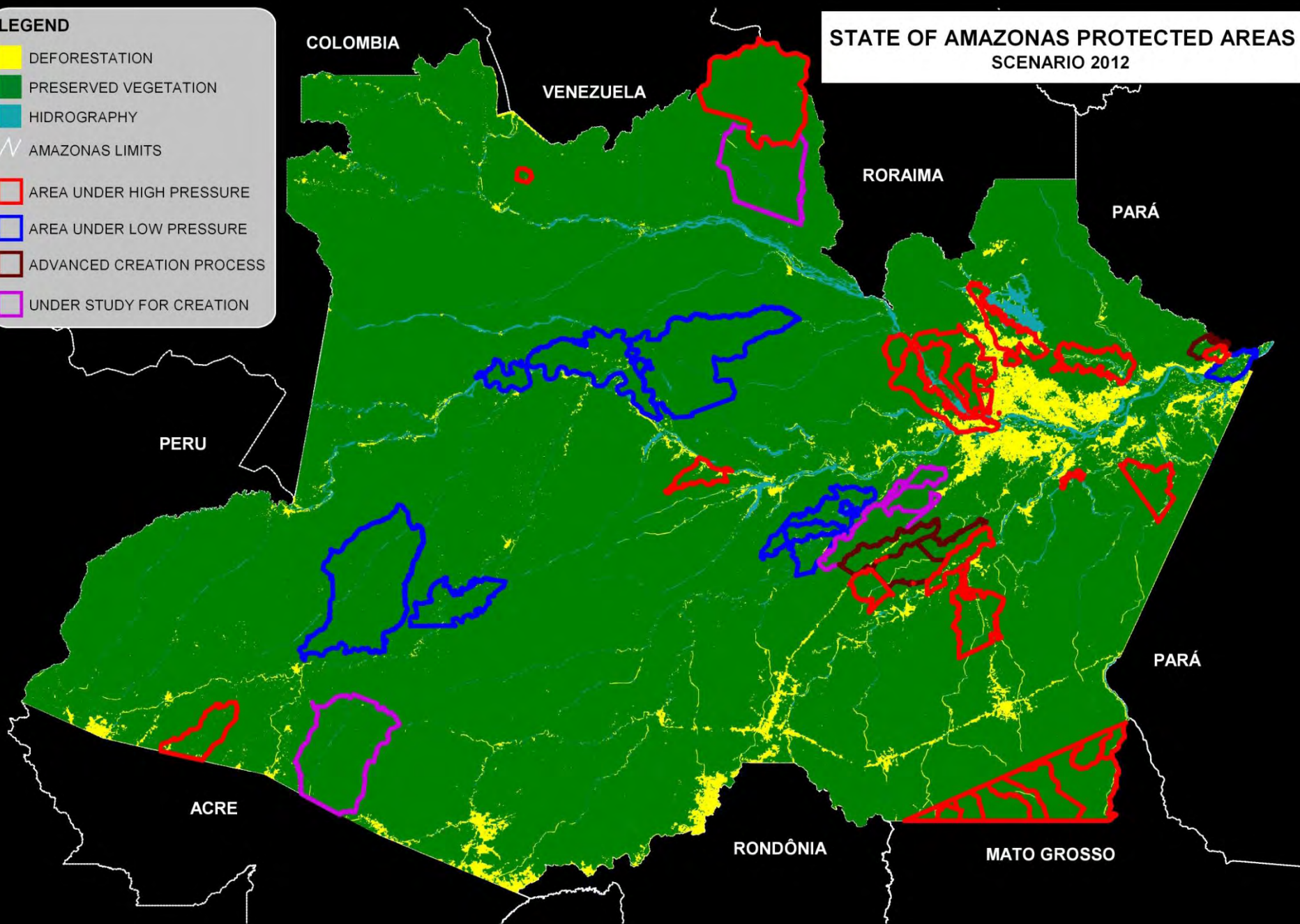


SOURCE: Soares Filho et al 2005

LEGEND

- DEFORESTATION
- PRESERVED VEGETATION
- HIDROGRAPHY
- AMAZONAS LIMITS
- AREA UNDER HIGH PRESSURE
- AREA UNDER LOW PRESSURE
- ADVANCED CREATION PROCESS
- UNDER STUDY FOR CREATION

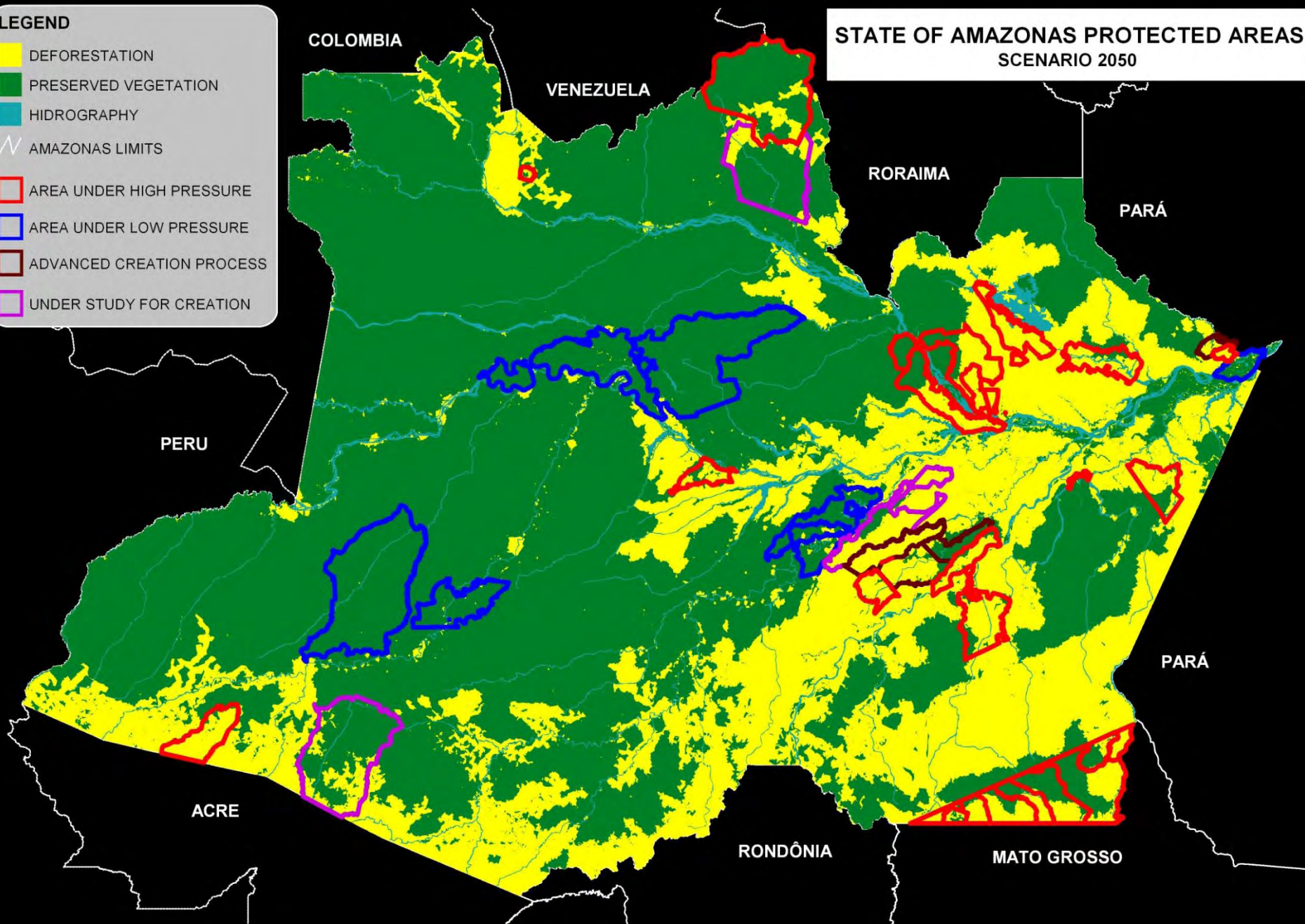
STATE OF AMAZONAS PROTECTED AREAS SCENARIO 2012



LEGEND

- DEFORESTATION
- PRESERVED VEGETATION
- HIDROGRAPHY
- AMAZONAS LIMITS
- AREA UNDER HIGH PRESSURE
- AREA UNDER LOW PRESSURE
- ADVANCED CREATION PROCESS
- UNDER STUDY FOR CREATION

STATE OF AMAZONAS PROTECTED AREAS SCENARIO 2050



**Bolsa Floresta Program:
reward to local communities that participate in a zero
deforestation challenge**

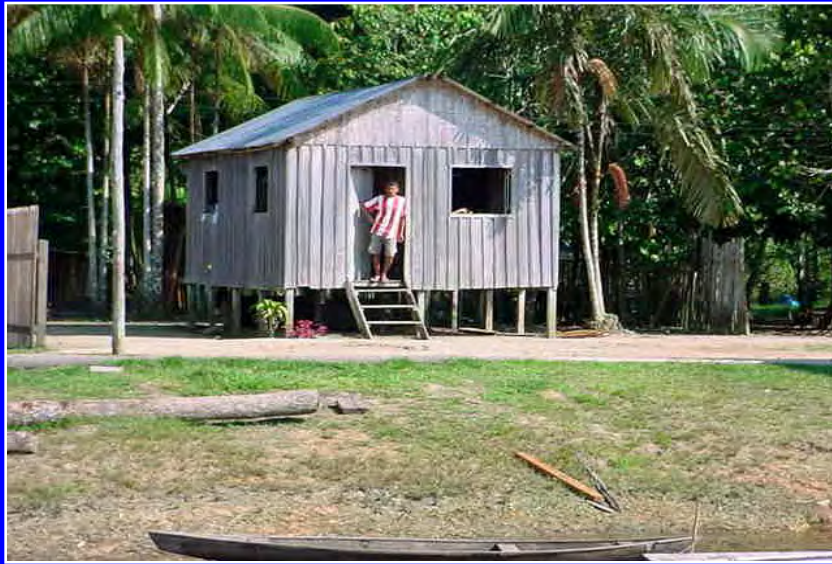




*REDD in Amazonas:
a people-centered approach*

Bolsa Floresta Program

- Family Reward Payments
 - US\$ 25/month (R\$ 50)
- Association Payments
 - 10% of all family payments (about US\$ 500/month)
 - dowry (boat, solar, internet, computer, office)
- Support to Sustainable Business
 - US\$ 175 (R\$ 350) x number of families per year
 - Any activity that does not produce smoke + legal
- Community Investments
 - US\$ 175 (R\$ 350) x number of families per year
 - Education, health, communication, transport



The Bolsa Floresta is comprised of 4 programs

Family



Association



Social



Income





BOLSA FLORESTA

4096

VALIDADE

VIA

TIPO



GOVERNO DO ESTADO DO
AMAZONAS



VISA

ELECTRONIC USE ONLY / APENAS PARA USO ELETRÔNICO



Mobilization



















Education and participatory management: social control



The Juma Sustainable Development Reserve Project

The first validated REDD project in the Amazon

- **a partnership with**

Marriot International

- US\$ 2 million + US\$ 1/room/night

Project validation

Validation of **3,6 million tCO₂e** (2006 - 2016)

Tüv Süd

CCBA standards (Climate, Community and Biodiversity)



Forest facts

- 1. Forest conservation is a part of the climate change equation and currently underfunded**
- 2. Forest carbon is better than other carbon:**
 - environmental benefits**
 - biodiversity, rain etc**
 - Socioeconomic and ethical concerns – poverty and hope**



KEY MESSAGES

1. REDD is doable and simple
2. REDD can generate significant benefits to local and indigenous populations
3. REDD is not a panacea to all problems
4. REDD debate should give less emphasis on its potential problems and give more emphasis to potential solutions
5. General principles can be adopted and problems can be solved along the way
6. REDD is the best opportunity of our lifetimes to save tropical forests and at the same time improve livelihoods of forest guardians

Policy issues

1. Methodological issues: SOLVED !

- Baselines – Soares-Filho**
- Aditionality – paper parks are not sufficient**
- Carbon estimates, leakage, monitoring, permanence – passed the test!**

2. Concerns on REDD

- Concern 1 = NO easy way out for polluters**
- Concern 2 = NO flooding the market**
- Concern 3 = increase emission reductions**
- Concern 3 = benefit sharing Participation of indigenous and local communities**
- Concern 4 = appropriate financing**

Market mechanism

Government mechanism

Carbon Markets

REDD credits

\$\$\$

Percentage \$S

Support

Reporting

\$\$\$

Other funding

Project-based activities



Governance

Reduction of deforestation.
Poverty eradication and
Sustainable development

A 10% quota for REDD

Emissions (%)

1990

100

70

64

60

Reductions

Initial Proposal

Intermediate
Proposal

Ideal Proposal

Non-forest

20%

27%

36%

Forest/ LULUCF

0%

3%

4%

TOTAL

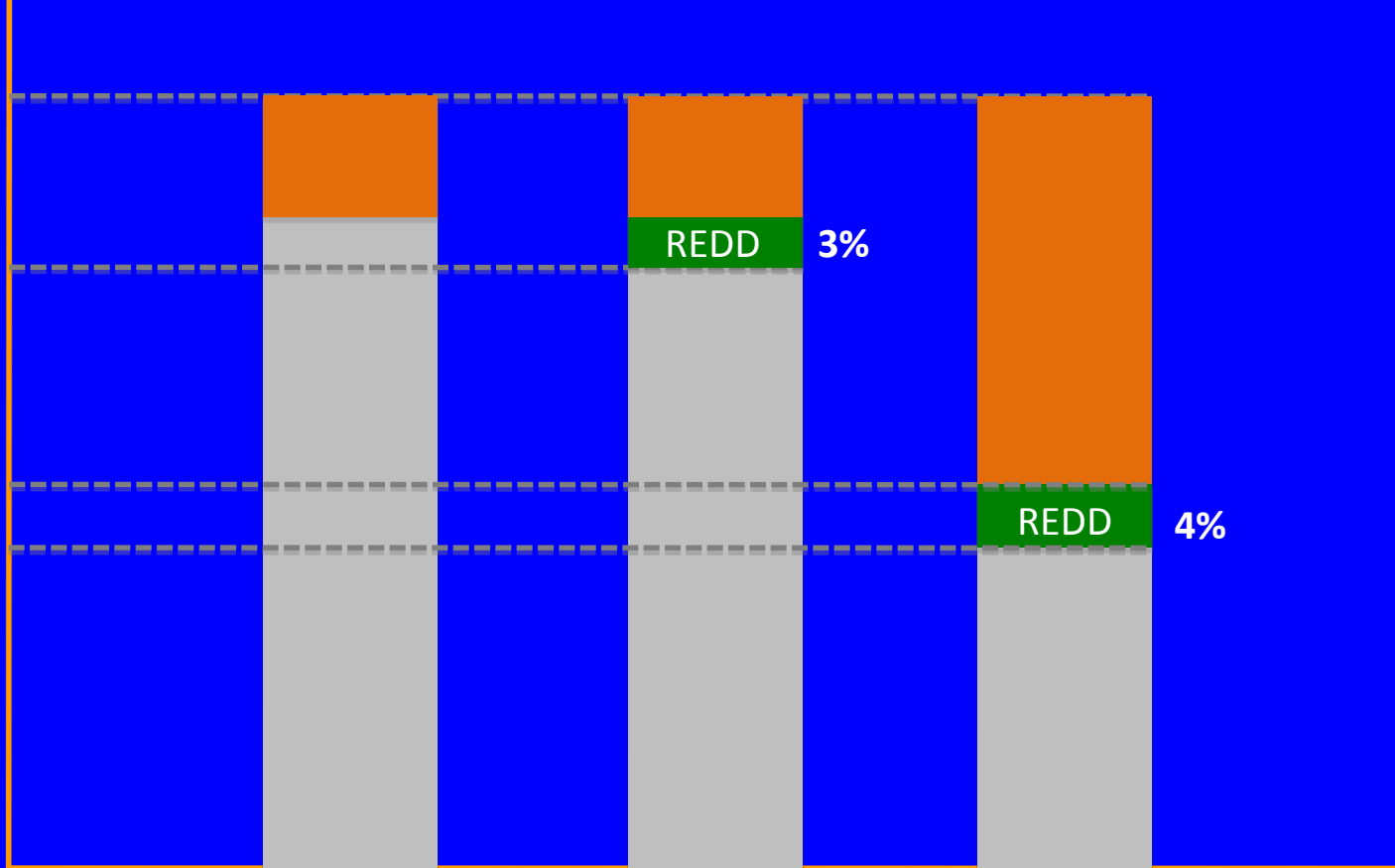
20%

30%

40%

REDD 3%

REDD 4%





www.fas-amazonas.org

Luiz Villares

luiz.villares@fas-amazonas.org

Manaus

Rua Álvaro Braga, 351

Parque 10 de Novembro 69055 660

92 4009-8900

São Paulo

Rua Pequetita, 145

Vila Olímpia 04552 907

11 4506-2900

